

 SUPPLEMENTAL INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>					Docket Number (Optional) PM 99.001		Application Number 10/073,799		
					Applicants Jeffrey R. Bailey et al.				
					Filing Date 02/11/2002		Group Art Unit 2635		
U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation		
							YES	NO	
<i>TE</i>		2,409,722	07/06/05	GB	<i>R</i>	<i>—</i>	<i>—</i>	<input type="checkbox"/>	<input type="checkbox"/>
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OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>									
<i>TE</i>		"Assessment of Borehole Seismic Fracture" National Technical Information Service, (1988) 11 pgs. <i>R</i>							
EXAMINER <i>T Edwards</i>				DATE CONSIDERED <i>12/20/05</i>					
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TE	1	2,986,214	05/1961	Wiseman, Jr. et al. <small>R</small>	166	55	
	2	3,118,501	01/1964	Kenley <small>R</small>	166	55	
	3	3,662,833	05/1972	Kisling, III <small>R</small>	166	314	
	4	4,102,401	07/1978	Erbstoesser <small>R</small>	166	284	
	5	4,113,314	09/1978	Savanick et al. <small>R</small>	299	4	
	6	4,244,425	01/1981	Erbstoesser et al. <small>R</small>	166	284	
	7	4,428,422	01/1984	Laurent <small>R</small>	166	212	
	8	4,637,468	01/1987	Derrick <small>R</small>	166	297	
	9	4,671,352	06/1987	Magee, Jr. et al. <small>R</small>	166	186	
	10	4,686,653	08/1987	Staron et al. <small>R</small>	367	25	
	11	4,702,316	10/1987	Chung et al. <small>R</small>	166	272	
	12	4,706,224	11/1987	Alford <small>R</small>	367	41	
	13	4,776,393	10/1988	Forehand et al. <small>R</small>	166	55	
	14	4,809,781	03/1989	Hoefner <small>R</small>	166	273	
	15	4,870,580	09/1989	Lang et al. <small>R</small>	702	14	
	16	4,881,207	11/1997	Dubesset et al. <small>R</small>	367	31	
	17	4,888,740	12/1989	Brie et al. <small>R</small>	367	30	
	18	4,910,718	03/1990	Horn <small>R</small>	367	124	
	19	4,992,994	02/1991	Rambow et al. <small>R</small>	367	25	
	20	5,010,527	04/1991	Mahrer <small>R</small>	367	86	
	21	5,044,461	09/1991	Aronstam <small>R</small>	181	102	
	22	5,060,751	11/1991	Kuhlman et al. <small>R</small>	181	102	
	23	5,111,903	05/1992	Meynier <small>R</small>	181	102	
	24	5,172,480	12/1992	Labuc et al. <small>R</small>	33	304	
TE	25	5,189,262	02/1993	Engler et al. <small>R</small>	181	102	

EXAMINER <div style="font-size: 1.5em; font-family: cursive;">T. Edwards</div>	DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">12/20/05</div>
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TE	26	5,212,354	05/1993	Miller et al. <i>R</i>	181	108	
	27	5,231,252	07/1993	Sansone <i>R</i>	181	122	
	28	5,243,544	09/1993	Schoess <i>R</i>	364	566	
	29	5,253,219	10/1993	Houston et al. <i>R</i>	367	79	
	30	5,290,159	03/1994	Miller et al. <i>R</i>	417	521	
	31	5,309,995	05/1994	Gonzalez et al. <i>R</i>	166	284	
	32	5,314,019	05/1994	Honarpour <i>R</i>	166	270	
	33	5,353,875	10/1994	Schultz et al. <i>R</i>	166	297	
	34	5,363,094	11/1994	Staron et al. <i>R</i>	340	854	
	35	5,370,545	12/1994	Laurent <i>R</i>	439	190	
	36	5,475,187	12/1995	Omnes <i>D</i>	181	102	
	37	5,481,502	01/1996	Cretin et al. <i>R</i>	367	77	
	38	5,485,882	01/1996	Bailey et al. <i>R</i>	166	284	
	39	5,550,785	08/1996	Laurent et al. <i>R</i>	367	25	
	40	5,513,703	05/1996	Mills et al. <i>R</i>	166	55	
	41	5,579,844	12/1996	Rebardi et al. <i>R</i>	166	296	
TE	42	5,594,706	01/1997	Shenoy et al. <i>R</i>	367	76	
	43	5,747,750	05/1998	Bailey et al. <i>R</i>	181	112	
TE	44	5,771,170	06/1998	Withers et al. <i>R</i>			
	45	5,803,178	09/1998	Cain <i>R</i>	166	306	
	46	5,865,252	02/1999	van Petegem et al. <i>R</i>	166	297	
	47	5,890,536	04/1999	Nierode <i>R</i>	166	284	
	48	5,934,377	08/1999	Savage <i>R</i>	166	281	
	49	5,954,133	09/1999	Ross <i>R</i>	166	297	
TE	50	5,996,687	12/1999	Pringle et al. <i>R</i>	166	66	

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DATE CONSIDERED

12/20/05

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TE	51	6,016,727	05/1991	Wittrisch <i>R</i>	181	102				
	52	6,186,230	02/2001	Nierode <i>R</i>	166	250				
	53	6,189,621	02/2001	Vail, III <i>R</i>	166	385				
	54	6,257,332	07/2001	Vidrine et al. <i>R</i>	166	250				
	55	6,296,066	10/2001	Terry et al. <i>R</i>	175	92				
	56	6,488,116	12/2002	Bailey et al. <i>R</i>	181	108				
TE	57	H1232	09/1993	DiSiena <i>I</i>	367	57				
FOREIGN PATENT DOCUMENTS										
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation			
							YES	NO		
TE	58	2 230 091	10/1990	GB <i>R</i>	—	—	<input type="checkbox"/>	<input type="checkbox"/>		
TE	59	0 082 524	06/1983	EP <i>R</i>			<input type="checkbox"/>	<input type="checkbox"/>		
TE	60	2275337	08/1994	GB <i>R</i>			<input type="checkbox"/>	<input type="checkbox"/>		
TE	61	0 138 271	05/1984	EP <i>R</i>			<input type="checkbox"/>	<input type="checkbox"/>		
TE	62	WO93/08485	04/1993	PCT <i>R</i>			<input type="checkbox"/>	<input type="checkbox"/>		
TE	63	2,044,877	12/1991	CA <i>R</i>	—	—	<input type="checkbox"/>	<input type="checkbox"/>		
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E	64	Davis, C. et al (1988) "Fiber-Optic Sensors for Geophysical Applications", <i>SPIE--Fiber Optic and Laser Sensors VI</i> , vol. 985, pp. 26-32. <i>R</i>								
E	65	Dobecki, T. L., (1983) "Hydraulic Fracture Orientation Using Passive Borehole Seismics," <i>Society of Petroleum Engineers</i> , No. 12110. <i>R</i>								
E	66	Engi, D. (1989) "A Spherical-Stochastic Methodology for Microseismic Event Location", <i>Computers & Geosciences</i> , vol. 15, No. 7, pp. 1037-1052. <i>R</i>								
E	67	Hartenberger, R. A. et al. (1970) "Influence of Number and Spacing of Sensors on the Effectiveness of Seismic Arrays", <i>32nd Meeting of the European Association of Exploration Geophysicists</i> , Edinburgh, pp. 771-784. <i>R</i>								
E	68	Ilderton, David C. et al., (1993) "Microseismic Imaging of Hydrofractures with the Aid of Conical Wgaves," <i>63rd SEG Meeting</i> , pp. 267-270. <i>R</i>								
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